BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

EMB

"THIRD AND FINAL BILL"

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"

Date of Pre-Measurement : 03-05-2021.

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19						
		CUM					
			Present Qty				0.00
			Qty Claimed in 1st Bill				624.80
			Qty Claimed in 2nd Bill				133.31
			Deduct Qty Paid in 1st and 2nd Bill				758.11
		CUM	Qty to be Paid				0.00

Contractor PMC Assistant Engineer

Asst. Executive Engineer

3/5/2021

MD CONSULTANCY * SHRIYA CONSTRUCTION

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Date of Pre-Measurement : 03-05-2021

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
2	KSRRMBM2990 Plain cement concrete of mix M10 MIX with crushed stone aggregaes 40mm nomial si[illegible]echanically mixed, pla[illegible]d in foundation and compacted by viberation in [illegible]ling cost of all mater[illegible], labour, HOM of machinery, curing complete as per spe[illegible]ions. Specification [illegible] 254/ Item No. 34.2/PWD SR 2018-19						
		Cum					
				Present Qty			0.00
				Qty Claimed in 1st Bill			93.72
				Qty Claimed in 2nd Bill			19.84
				Deduct Qty Paid in 1st and 2nd Bill			113.56
		CUM		Qty to be Paid			0.00

Contractor PMC Assistant Engineer

Asst. Executive Engineer

3/5/2021

SHRIYA CONSTRUCTION AND CONSULTANCY

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Date of Pre-Measurement : 03-05-2021

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229)						
				Present Qty			0.00
				Qty Claimed in 1st Bill			11.07
				Qty Claimed in 2nd Bill			2.29
				Deduct Qty Paid in 1st and 2nd Bill			13.36
		MT		Qty to be Paid			0.00

Contractor

PMC

SHRIYA CONSULTANCY AND CONSTRUCTION

Assistant Engineer

Asst. Executive Engineer,

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301. SRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301.						
			Present Qty				0.00
			Qty Claimed in 1st Bill				0.00
			Qty Claimed in 2nd Bill				2901.27
			Deduct Qty Paid in 1st and 2nd Bill				2901.27
		CUM	Qty to be Paid				0.00
					Present Qty	0.00	CUM

Contractor

PMC

Assistant Engineer

Asst Executive

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3(P.No.146, I.No.19.56)						
						Present Qty	0.00
						Qty Claimed in 1st Bill	0.00
						Qty Claimed in 2nd Bill	0.00
						Deduct Qty Paid in 1st and 2nd Bill	0.00
		Sqm				Qty to be Paid	0.00

Contractor

PMC CONSULTANCY * SHRIYA CONSTRUCTION AND

Assistant Engineer

Asst. Executive Engineer

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I.No. 19.64						
						Present Qty	0.00
						Qty Claimed in 1st Bill	0.00
						Qty Claimed in 2nd Bill	7248.61
						Deduct Qty Paid in 1st and 2nd Bill	7248.61
		Sqm				**Qty to be Paid**	0.00

Contractor

PMC

Assistant Engineer

3/5/2021

Executive Engineer

4/27/2021 ->View

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)						
						Present Qty	0.00
						Qty Claimed in 1st Bill	0.00
						Qty Claimed in 2nd Bill	942.32
						Deduct Qty Paid in 1st and 2nd Bill	942.32
		Sqm				Qty to be Paid	0.00

Contractor

PMC * SHRIYA CONSULTANTS AND CONSTRUCTION

Assistant Engineer

Executive Engineer

25/5/2021

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)						
					Present Qty		0.00
					Qty Claimed in 1st Bill		0.00
					Qty Claimed in 2nd Bill		1812.15
					Deduct Qty Paid in 1st and 2nd Bill		1812.15
		Sqm			Qty to be Paid		0.00

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

3/5/2021

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 03-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)						
	BHEL Layout						
	1st Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(10.00 + 8.90)/2		283.50	
	CH: 30.00 to 60.00 m	1.00	30.00	(8.90 + 8.40)/2		259.50	
	CH: 60.00 to 73.00 m	1.00	13.00	(9.80 + 10.10)/2		129.35	
	CH: 73.00 to 86.30 m	1.00	13.30	(8.20 + 8.40)/2		110.39	
	2nd Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(9.85 + 9.35)/2		288.00	
	CH: 30.00 to 60.00 m	1.00	30.00	(9.35 + 9.70)/2		285.75	
	CH: 60.00 to 90.00 m	1.00	30.00	(9.70 + 9.90)/2		294.00	
	CH: 90.00 to120.00 m	1.00	30.00	(9.90 + 9.70)/2		294.00	
	CH: 120.00 to 121.00 m	1.00	1.00	(9.70 + 9.70)/2		9.70	
	3rd Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(10.20 + 10.00)/2		303.00	
	CH: 30.00 to 60.00 m	1.00	30.00	(10.00 + 10.00)/2		300.00	
	CH: 60.00 to 90.00 m	1.00	30.00	(10.00 + 9.70)/2		295.50	
	CH: 90.00 to116.30 m	1.00	26.30	(9.70 + 10.00)/2		259.08	
	4th Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(9.30 + 8.20)/2		262.50	
	CH: 30.00 to 60.00 m	1.00	30.00	(8.20 + 8.00)/2		243.00	
	CH: 60.00 to 90.00 m	1.00	30.00	(8.00 + 8.20)/2		243.00	
	CH: 90.00 to112.30 m	1.00	22.30	(8.20 + 9.00)/2		191.78	
	5th Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(9.90 + 8.75)/2		279.75	
	CH: 30.00 to 60.00 m	1.00	30.00	(8.75 + 8.70)/2		261.75	

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4/27/2021

CH: 60.00 to 90.00 m	1.00	30.00	8.70	+	9.10		267.00	
				2				
CH: 90.00 to105.70 m	1.00	15.70	9.10	+	9.30		144.44	
				2				
10th Cross from 1st Main Road								
CH: 00.00 to 30.00 m	1.00	30.00	6.80	+	6.50		199.50	
				2				
CH: 30.00 to 60.00 m	1.00	30.00	6.50	+	6.20		190.80	
				2				
CH: 60.00 to 90.00 m	1.00	30.00	6.20	+	5.80		180.00	
				2				
CH: 90.00 to110.00 m	1.00	20.00	5.80	+	5.85		116.50	
				2				
12th Cross from 1st Main Road								
CH: 00.00 to 14.40 m	1.00	14.40	5.70	+	5.70		82.08	
				2				
Sai Nagara								
5th Cross from Main Road								
CH: 00.00 to 30.00 m	1.00	30.00	7.30	+	7.00		214.50	
				2				
CH: 30.00 to 60.00 m	1.00	30.00	7.00	+	6.80		207.00	
				2				
CH: 60.00 to 90.00 m	1.00	30.00	6.80	+	6.80		204.00	
				2				
CH: 90.00 to108.00 m	1.00	18.00	6.80	+	7.25		126.45	
				2				
6th Cross from Main Road								
CH: 00.00 to 8.60 m	1.00	8.60	6.10	+	6.10		52.46	
				2				
CH: 8.60 to 38.60 m	1.00	30.00	6.90	+	6.90		207.00	
				2				
CH: 38.60 to 68.60 m	1.00	30.00	6.90	+	6.00		193.50	
				2				
CH: 68.60 to 98.60 m	1.00	30.00	6.00	+	6.10		181.50	
				2				
CH: 98.60 to 114.30 m	1.00	15.70	6.10	+	7.25		104.80	
				2				
						Present Qty	7264.75	
						Qty Claimed in 1st Bill	0.00	
						Qty Claimed in 2nd Bill	0.00	
						Deduct Qty Paid in 1st and 2nd Bill	0.00	
						Qty to be Paid	7264.75	Sqm

Assistant Engineer

Asst. Executive Engineer

Contractor

PMC

SHREYA CONSTRUCTION AND CONSULTANCY

3/5/2021

4/27/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Detailed Measurements

Measurement Recorded On: 10-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.(P.No-150 LNo.21.11.6)						
	BHEL Layout						
	1st Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(10.00 + 8.90)/2	0.05	14.18	
	CH: 30.00 to 60.00 m	1.00	30.00	(8.90 + 8.40)/2	0.05	12.98	
	CH: 60.00 to 73.00 m	1.00	13.00	(9.80 + 10.10)/2	0.05	6.47	
	CH: 73.00 to 86.30 m	1.00	13.30	(8.20 + 8.40)/2	0.05	5.52	
	2nd Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(9.85 + 9.35)/2	0.05	14.40	
	CH: 30.00 to 60.00 m	1.00	30.00	(9.35 + 9.70)/2	0.05	14.29	
	CH: 60.00 to 90.00 m	1.00	30.00	(9.70 + 9.90)/2	0.05	14.70	
	CH: 90.00 to120.00 m	1.00	30.00	(9.90 + 9.70)/2	0.05	14.70	
	CH: 120.00 to 121.00 m	1.00	1.00	(9.70 + 9.70)/2	0.05	0.49	
	3rd Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(10.20 + 10.00)/2	0.05	15.15	
	CH: 30.00 to 60.00 m	1.00	30.00	(10.00 + 10.00)/2	0.05	15.00	
	CH: 60.00 to 90.00 m	1.00	30.00	(10.00 + 9.70)/2	0.05	14.85	
	CH: 90.00 to116.30 m	1.00	26.30	(9.70 + 10.00)/2	0.05	12.95	
	4th Cross from Main Road						
	CH: 00.00 to 30.00 m	1.00	30.00	(9.30 + 8.20)/2	0.05	13.13	
	CH: 30.00 to 60.00 m	1.00	30.00	(8.20 + 8.00)/2	0.05	12.15	
	CH: 60.00 to 90.00 m	1.00	30.00	(8.00 + 8.20)/2	0.05	12.15	
	CH: 90.00 to112.30 m	1.00	22.30	(8.20 + 9.00)/2	0.05	9.59	
	5th Cross from Main Road						

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CH: 00.00 to 30.00 m	1.00	30.00	9.90	+	8.75	0.06	16.79		
				2					
CH: 30.00 to 60.00 m	1.00	30.00	8.75	+	8.70	0.06	14.53		
				2					
CH: 60.00 to 90.00 m	1.00	30.00	8.70	+	9.10	0.05	13.55		
				2					
CH: 90.00 to105.70 m	1.00	15.70	9.10	+	9.30	0.05	7.22		
				2					
10th Cross from 1st Main Road									
CH: 00.00 to 30.00 m	1.00	30.00	6.80	+	6.50	0.05	9.98		
				2					
CH: 30.00 to 60.00 m	1.00	30.00	6.50	+	6.20	0.05	9.53		
				2					
CH: 60.00 to 90.00 m	1.00	30.00	6.20	+	5.80	0.05	9.00		
				2					
CH: 90.00 to110.00 m	1.00	20.00	5.80	+	5.85	0.05	5.83		
				2					
12th Cross from 1st Main Road									
CH: 00.00 to 14.40 m	1.00	14.40	5.70	+	5.70	0.06	4.56		
				2					
Sai Nagara									
5th Cross from Main Road									
CH: 00.00 to 30.00 m	1.00	30.00	7.30	+	7.00	0.05	10.73		
				2					
CH: 30.00 to 60.00 m	1.00	30.00	7.00	+	6.80	0.05	10.35		
				2					
CH: 60.00 to 90.00 m	1.00	30.00	6.80	+	6.80	0.05	10.20		
				2					
CH: 90.00 to108.00 m	1.00	18.00	6.80	+	7.25	0.06	6.93		
				2					
6th Cross from Main Road									
CH: 00.00 to 8.60 m	1.00	8.60	6.10	+	6.10	0.05	2.62		
				2					
CH: 8.60 to 38.60 m	1.00	30.00	6.90	+	6.90	0.05	10.35		
				2					
CH: 38.60 to 68.60 m	1.00	30.00	6.90	+	6.00	0.05	9.68		
				2					
CH: 68.60 to 98.60 m	1.00	30.00	6.00	+	6.10	0.05	9.08		
				2					
CH: 98.60 to 114.30 m	1.00	15.70	6.10	+	7.25	0.05	5.24		
				2					
						Present Qty	363.32		
						Qty Claimed in 1st Bill	0.00		
						Qty Claimed in 2nd Bill	0.00		
						Deduct Qty Paid in 1st and 2nd Bill	0.00		
						Qty to be Paid	363.32		

Contractor

PMC

Assistant Engineer

10/5/2021

Asst. Executive Engineer

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Measurement Recorded On: 10-05-2021

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
15	KSRRB M500-2: Cleaning the excisting black topped surface with brooms, soft brushs and finally dusting with old gunny bags and compressed air to receive bituuminous tratement including cost of all materials, labours, HOM complete as per specifications. P No. 158/ Item No. 21.2/ PWD SR 2018-19								
	BHEL Layout								
	1st Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.00	+	8.90		283.50	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.90	+	8.40		259.50	
					2				
	CH: 60.00 to 73.00 m	1.00	13.00	9.80	+	10.10		129.35	
					2				
	CH: 73.00 to 86.30 m	1.00	13.30	8.20	+	8.40		110.39	
					2				
	2nd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.85	+	9.35		288.00	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	9.35	+	9.70		285.75	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	9.70	+	9.90		294.00	
					2				
	CH: 90.00 to120.00 m	1.00	30.00	9.90	+	9.70		294.00	
					2				
	CH: 120.00 to 121.00 m	1.00	1.00	9.70	+	9.70		9.70	
					2				
	3rd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.20	+	10.00		303.00	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	10.00	+	10.00		300.00	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	10.00	+	9.70		293.00	
					2				
	CH: 90.00 to116.30 m	1.00	26.30	9.70	+	10.00		259.06	
					2				
	4th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.30	+	8.20		262.80	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.20	+	8.00		243.00	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	8.00	+	8.20		243.00	
					2				
	CH: 90.00 to112.30 m	1.00	22.30	8.20	+	9.00		191.78	
					2				
	5th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.90	+	8.75		279.75	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.75	+	8.70		261.75	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	8.70	+	9.10		267.00	
					2				

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-10೯

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Measurement Recorded On: 10-05-2021

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
16	KSRRB M500-7. Tack Coat:- Providing and applying tack coat using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom. complete as per specifications. MORTH Specification No. 503 (P-159. Item.no 21.10).								
	BHEL Layout								
	1st Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.00	+	8.90		283.50	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.90	+	8.40		259.50	
					2				
	CH: 60.00 to 73.00 m	1.00	13.00	9.80	+	10.10		129.35	
					2				
	CH: 73.00 to 86.30 m	1.00	13.30	8.20	+	8.40		110.39	
					2				
	2nd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.85	+	9.35		288.00	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	9.35	+	9.70		285.75	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	9.70	+	9.90		294.00	
					2				
	CH: 90.00 to120.00 m	1.00	30.00	9.90	+	9.70		294.00	
					2				
	CH: 120.00 to 121.00 m	1.00	1.00	9.70	+	9.70		9.70	
					2				
	3rd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.20	+	10.00		303.00	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	10.00	+	10.00		300.00	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	10.00	+	9.70		295.00	
					2				
	CH: 90.00 to116.30 m	1.00	26.30	9.70	+	10.00		259.06	
					2				
	4th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.30	+	8.20		262.50	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.20	+	8.00		243.00	
					2				
	CH: 60.00 to 90.00 m	1.00	30.00	8.00	+	8.20		243.00	
					2				
	CH: 90.00 to112.30 m	1.00	22.30	8.20	+	9.00		191.78	
					2				
	5th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.90	+	8.75		279.75	
					2				
	CH: 30.00 to 60.00 m	1.00	30.00	8.75	+	8.70		261.75	
					2				

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90.00 to 90.00 m	1.00	30.00	8.70	+ 9.10 / 2		267.00
90.00 to105.70 m	1.00	15.70	9.10	+ 9.30 / 2		144.44
Cross from 1st Main Road						
H: 00.00 to 30.00 m	1.00	30.00	6.80	+ 6.50 / 2		199.50
CH: 30.00 to 60.00 m	1.00	30.00	6.50	+ 6.20 / 2		190.50
CH: 60.00 to 90.00 m	1.00	30.00	6.20	+ 5.80 / 2		180.00
CH: 90.00 to110.00 m	1.00	20.00	5.80	+ 5.85 / 2		116.50
12th Cross from 1st Main Road						
CH: 00.00 to 14.40 m	1.00	14.40	5.70	+ 5.70 / 2		82.08
Sai Nagara						
5th Cross from Main Road						
CH: 00.00 to 30.00 m	1.00	30.00	7.30	+ 7.00 / 2		214.80
CH: 30.00 to 60.00 m	1.00	30.00	7.00	+ 6.80 / 2		207.00
CH: 60.00 to 90.00 m	1.00	30.00	6.80	+ 6.80 / 2		204.00
CH: 90.00 to108.00 m	1.00	18.00	6.80	+ 7.25 / 2		126.45
6th Cross from Main Road						
CH: 00.00 to 8.60 m	1.00	8.60	6.10	+ 6.10 / 2		52.46
CH: 8.60 to 38.60 m	1.00	30.00	6.90	+ 6.90 / 2		207.00
CH: 38.60 to 68.60 m	1.00	30.00	6.90	+ 6.00 / 2		193.50
CH: 68.60 to 98.60 m	1.00	30.00	6.00	+ 6.10 / 2		181.50
CH: 98.60 to 114.30 m	1.00	15.70	6.10	+ 7.25 / 2		104.80
					Present Qty	7264.75
					Qty Claimed in 1st Bill	0.00
					Qty Claimed in 2nd Bill	0.00
					Deduct Qty Paid in 1st and 2nd Bill	0.00
					Qty to be Paid	7264.75 Sqm

Assistant Engineer

Asst. Executive Engineer

10/5/2021

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

1st Bill & Part Bill

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Work Order No.: BBMP/EE/YNK.D/WO/194/2019-20, Dated: 10.11.2019
Work code: 003-20-000077
Estimate cost: 200 Lakhs
Name Of contractor: M/s KRIDL Bangalore.

Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. P No. 143/ Item No. 19.1/ PWD SR 2018-19								
	Pre Measurements recorded in Vide Excel Sheet page no	CUM					0.00	211.79	0.00
2	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2,P No. 13/ Item No.								
	Pre Measurements recorded in Vide Excel Sheet page no	CUM					0.00	4479.56	0.00
3	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification NO. 1500, 1700, 2200. Including cost of materials, labour, HOM complete as per specifications. Item No. 37.59.2/ page no:271/PWD SR 2018-19								
	Pre Measurements recorded in Vide Excel Sheet page no	CUM					0.00	7070.20	0.00
4	straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229)								
	Pre Measurements recorded in Vide Excel Sheet page no	MT					0.00	72326.98	0.00
8	KSRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification no 301. SRRB M300-13.Excavation for road way in hard rock (requiring blasting) by drilling and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with lead of 1.00 km and complete as per specifications (excavated rock credited to contractor) MORTH specification								
	Pre Measurements recorded in Vide Excel Sheet page no	CUM					0.00	72326.98	0.00
9	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3(P.No.146,								
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	Item Not Operated				0.00	41.34	0.00

4/27/2021

10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 KPWD S.R 2018-19 Page No. 147 I.No.				
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	0.00	6.36	0.00
11	providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)				
	Pre Measurements recorded in Vide Excel Sheet page no	Cum	0.00	1855.00	0.00
12	aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)				
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	0.00	2001.28	0.00
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-				
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	7264.75	33.92	246420.00
14	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with				
	Pre Measurements recorded in Vide Excel Sheet page no	Cum	363.32	7428.48	2698905.00
15	KSRRB M500-2. Cleaning the existing black topped surface with brooms, soft brushs and finally dusting with old gunny bags and compressed air to receive bituuminous tratement including cost of all materials, labours, HOM complete as per specifications. P No. 158/ Item No. 21.2/ PWD SR 2018-19				
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	7264.75	5.30	38503.00
16	KSRRB M500-7. Tack Coat. - Providing and applying tack coat using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom. complete as per specifications. MORTH Specification No. 503 (P-159, Item.no				
	Pre Measurements recorded in Vide Excel Sheet page no	Sqm	7264.75	12.72	92408.00

Contractor

PMC

SHRIYA CONSULTANCY

Assistant Engineer

Assistant Executive Engineer

13/5/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no - 03 Yelahanka Satellite Town sub Division"

Est cost Rs. 200 Lakhs"

Date of Measurement : 15-05-2021.

Detailed Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
5	supplying and fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and downside graded granite metal using reinforcement 10mm dia steel at 150mm c/cboth ways cost of transportation, hire charges of machinary, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of materials.(Data Rate)								
						Present Qty	0.00		
						Qty Claimed in 1st Bill	506.70		
						Qty Claimed in 2nd Bill	77.94		
						Deduct Qty Paid in 1st and 2nd Bill	584.64		
		Sqm				Qty to be Paid	0.00	2337	-

Contractor PMC Assistant Engineer Asst. Executive Engineer

15/5/2021

SHRIYA CONSULTANCY * SHRIYA CONSTRUCTION AND

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Date of Measurement : 18-05-2021

Item No	Discription of Item	Detailed Measurements							
		Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
6	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 150 x 400 mmmade out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.								
						Present Qty	0.00		
						Qty Claimed in 1st Bill	1262.00		
						Qty Claimed in 2nd Bill	237.00		
						Deduct Qty Paid in 1st and 2nd Bill	1499.00		
						Qty to be Paid	0.00	477	-

Contractor PMC Assistant Engineer

Asst. Executive Engineer

18/5/2021

SHRIYA CONSULTANCY AND CONSTRUCTION

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Date of Measurement : 20-05-2021.

Item No	Discription of Item	Unit	Detailed Measurements No	Length	Breadth	Depth	Qty	Rate	Amount
7	KSRB 800-1 Providing two coats after filling the surface with synthetic enamel paint in approved shades on new plastered surfaces, with materials, labour, complete as per specifications. MORTH chapter 8. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
		Sqm							
						Present Qty	0.00		
						Qty Claimed in 1st Bill	227.20		
						Qty Claimed in 2nd Bill	42.09		
						Deduct Qty Paid in 1st and 2nd Bill	269.29		
		Sqm				Qty to be Paid	0.00	84.8	-

Contractor PMC Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
Asst. Executive Engineer

20/5/2021 ಇ.ಇ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

SHRIYA CONSTRUCTION AND CONSULTANCY

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Detailed Measurements
Measurement Recorded On: 25-05-2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100, No. 161/ Item No.								
	BHEL Layout								
	1st Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.00 + 8.90 / 2	0.04	11.34			
	CH: 30.00 to 60.00 m	1.00	30.00	8.90 + 8.40 / 2	0.04	10.38			
	CH: 60.00 to 73.00 m	1.00	13.00	9.80 + 10.10 / 2	0.04	5.17			
	CH: 73.00 to 86.30 m	1.00	13.30	8.20 + 8.40 / 2	0.04	4.42			
	2nd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.85 + 9.35 / 2	0.04	11.52			
	CH: 30.00 to 60.00 m	1.00	30.00	9.35 + 9.70 / 2	0.04	11.43			
	CH: 60.00 to 90.00 m	1.00	30.00	9.70 + 9.90 / 2	0.04	11.76			
	CH: 90.00 to120.00 m	1.00	30.00	9.90 + 9.70 / 2	0.04	11.76			
	CH: 120.00 to 121.09 m	1.00	1.00	9.70 + 9.70 / 2	0.04	0.39			
	3rd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	10.20 + 10.00 / 2	0.04	12.12			
	CH: 30.00 to 60.00 m	1.00	30.00	10.00 + 10.00 / 2	0.04	12.00			
	CH: 60.00 to 90.00 m	1.00	30.00	10.00 + 9.70 / 2	0.04	11.82			
	CH: 90.00 to116.30 m	1.00	26.30	9.70 + 10.00 / 2	0.04	10.36			
	4th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.30 + 8.20 / 2	0.04	10.50			
	CH: 30.00 to 60.00 m	1.00	30.00	8.20 + 8.00 / 2	0.04	9.72			
	CH: 60.00 to 90.00 m	1.00	30.00	8.00 + 8.20 / 2	0.04	9.72			
	CH: 90.00 to112.30 m	1.00	22.30	8.20 + 9.00 / 2	0.04	7.67			
	5th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	9.90 + 8.75 / 2	0.04	11.19			
	CH: 30.00 to 60.00 m	1.00	30.00	8.75 + 8.70 / 2	0.04	10.47			
	CH: 60.00 to 90.00 m	1.00	30.00	8.70 + 9.10 / 2	0.04	10.68			
	CH: 90.00 to105.70 m	1.00	15.70	9.10 + 9.30 / 2	0.04	5.78			
	10th Cross from 1st Main Road								
	CH: 00.00 to 30.00 m	1.00	30.00	6.80 + 6.50 / 2	0.04	7.98			
	CH: 30.00 to 60.00 m	1.00	30.00	6.50 + 6.20 / 2	0.04	7.62			
	CH: 60.00 to 90.00 m	1.00	30.00	6.20 + 5.80 / 2	0.04	7.20			
	CH: 90.00 to110.00 m	1.00	20.00	5.80 + 5.85 / 2	0.04	4.66			

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SHIVA CONSTRUCTION AND CONSULTANCY

	12th Cross from 1st Main Road										
	CH: 00.00 to 14.40 m	1.00	14.40	5.70	+ 2	5.70	0.01	3.28			
	Sai Nagara 5th Cross from Main Road										
	CH: 00.00 to 30.00 m	1.00	30.00	7.30	+ 2	7.00	0.01	8.58			
	CH: 30.00 to 60.00 m	1.00	30.00	7.00	+ 2	6.80	0.01	8.28			
	CH: 60.00 to 90.00 m	1.00	30.00	6.80	+ 2	6.80	0.01	8.16			
	CH: 90.00 to108.00 m	1.00	18.00	6.80	+ 2	7.25	0.01	5.06			
	6th Cross from Main Road										
	CH: 00.00 to 8.60 m	1.00	8.60	6.10	+ 2	6.10	0.01	2.10			
	CH: 8.60 to 38.60 m	1.00	30.00	6.90	+ 2	6.90	0.01	8.28			
	CH: 38.60 to 68.60 m	1.00	30.00	6.90	+ 2	6.00	0.01	7.74			
	CH: 68.60 to 98.60 m	1.00	30.00	6.00	+ 2	6.10	0.01	7.26			
	CH: 98.60 to 114.30 m	1.00	15.70	6.10	+ 2	7.25	0.01	4.19			
								Present Qty	290.59		
								Qty Claimed in 1st Bill	0.00		
								Qty Claimed in 2nd Bill	0.00		
								Deduct Qty Paid in 1st and 2nd Bill	0.00		
								Qty to be Paid	290.59	Cum	8831.92	25,66,468.52

Contractor PMC Assistant Engineer Asst Executive Engineer

SHRIYA CONSTRUCTION AND CONSULTANCY

25/5/2021

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Measurement Recorded On: 27-05-2021

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No 181., I.No.24.15 of KPWD S.R 2015-16).								
	BHEL Layout								
	1st Cross from Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 86.30 m	2.50	26.30	0.10 + 0.10 / 2		6.58			
	2nd Cross from Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 90.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 90.00 to120.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 120.00 to 121.00 m	2.50	1.00	0.10 + 0.10 / 2		0.25			
	3rd Cross from Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 90.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 90.00 to116.30 m	2.50	26.30	0.10 + 0.10 / 2		6.58			
	4th Cross from Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 90.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 90.00 to112.30 m	2.50	22.30	0.10 + 0.10 / 2		5.58			
	5th Cross from Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 90.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 90.00 to105.70 m	2.50	15.70	0.10 + 0.10 / 2		3.93			
	10th Cross from 1st Main Road								
	CH: 00.00 to 30.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 30.00 to 60.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 60.00 to 90.00 m	2.50	30.00	0.10 + 0.10 / 2		7.50			
	CH: 90.00 to110.00 m	2.50	20.00	0.10 + 0.10 / 2		5.00			

M/S. MANJUNATHA CONSTRUCTION AND CONSULTANCY

12th Cross from 1st Main Road											
CH: 00.00 to 14.40 m	2.00	14.40	0.10	+	0.10		2.88				
				2							
Sai Nagara 5th Cross from Main Road											
CH: 00.00 to 30.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 30.00 to 60.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 60.00 to 90.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 90.00 to108.00 m	2.00	18.00	0.10	+	0.10		3.60				
				2							
6th Cross from Main Road											
CH: 00.00 to 30.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 30.00 to 60.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 60.00 to 90.00 m	2.00	30.00	0.10	+	0.10		6.00				
				2							
CH: 90.00 to114.30 m	2.00	24.30	0.10	+	0.10		4.86				
				2							
						Present Qty	210.24				
						Qty Claimed in 1st Bill	0.00				
						Qty Claimed in 2nd Bill	0.00				
						Deduct Qty Paid in 1st and 2nd Bill	0.00				
						Qty to be Paid	210.24	Sqm		454.74	95,604.54

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Contractor PMC Assistant Engineer Asst. Executive Engineer

27/5/2021

SHRIYA CONSULTANCY * SHRIYA CONSTRUCTION AND

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Date of Measurement : 28-05-2021

Item No	Discription of Item	Detailed Measurements							
		Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
EIRL -1	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As per Engineer incharge(Data Rate)								
						Present Qty	0.00		
						Qty Claimed in 1st Bill	0.00		
						Qty Claimed in 2nd Bill	12.84		
						Deduct Qty Paid in 1st and 2nd Bill	12.84		
		Sqm				Qty to be Paid	0.00	5418	-

Contractor PMC Assistant Engineer

Asst. Executive Engineer,

25/5/2021

SHRIYA CONSULTANCY AND CONSTRUCTION

Name of work:"Asphalting to roads at chowdappa layout , Maruthi Layout, Hillside Medows and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division"
Est cost Rs. 200 Lakhs"

Measurement Recorded On: 31-05-2021

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
EIRL-2	KSRB M800-35 Suply and Installation of moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) Moulded body and reflective panels with micro prismatic lens cabable of providing total internal reflection of the light entering the lens face and shall support a load of 1600k kgs tested in accordance to specifications of category A of MORTH circular no RW/NH/33023/10-97DO III Date: 11.06.1997. The height, width and length shall not exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integratedcylindrical shanks, (of dia not less than 19mm and height not less than 30mm) from the body is to be a minimun of 500kgs.Fixing will be by drilling holes on the roads for the shanks to go inside without nails using epoxy resin based adhesive as per manufacturer's								
	BHEL Layout								
	1st Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	12.00			12.00			
	CH: 30.00 to 60.00 m	1.00	12.00			12.00			
	CH: 60.00 to 86.30 m	1.00	12.00			12.00			
	2nd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	12.00			12.00			
	CH: 30.00 to 60.00 m	1.00	12.00			12.00			
	CH: 60.00 to 90.00 m	1.00	13.00			13.00			
	CH: 90.00 to120.00 m	1.00	13.00			13.00			
	CH: 120.00 to 121.00 m	1.00	1.00			1.00			
	3rd Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	12.00			12.00			
	CH: 30.00 to 60.00 m	1.00	12.00			12.00			
	CH: 60.00 to 90.00 m	1.00	12.00			12.00			
	CH: 90.00 to116.30 m	1.00	12.00			12.00			
	4th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	12.00			12.00			
	CH: 30.00 to 60.00 m	1.00	12.00			12.00			
	CH: 60.00 to 90.00 m	1.00	12.00			12.00			
	CH: 90.00 to112.30 m	1.00	12.00			12.00			
	5th Cross from Main Road								
	CH: 00.00 to 30.00 m	1.00	12.00			12.00			
	CH: 30.00 to 60.00 m	1.00	12.00			12.00			
	CH: 60.00 to 90.00 m	1.00	12.00			12.00			
	CH: 90.00 to105.70 m	1.00	9.00			9.00			

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SHARMA CONSTRUCTION AND CONSULTANCY

10th Cross from 1st Main Road									
CH: 00.00 to 30.00 m	1.00	8.00			8.00				
CH: 30.00 to 60.00 m	1.00	8.00			8.00				
CH: 60.00 to 90.00 m	1.00	8.00			8.00				
CH: 90.00 to110.00 m	1.00	6.00			6.00				
12th Cross from 1st Main Road									
CH: 00.00 to 14.40 m	1.00	4.00			4.00				
Sai Nagara									
5th Cross from Main Road									
CH: 00.00 to 30.00 m	1.00	12.00			12.00				
CH: 30.00 to 60.00 m	1.00	12.00			12.00				
CH: 60.00 to 90.00 m	1.00	12.00			12.00				
CH: 90.00 to108.00 m	1.00	11.00			11.00				
6th Cross from Main Road									
CH: 00.00 to 30.00 m	1.00	12.00			12.00				
CH: 30.00 to 60.00 m	1.00	12.00			12.00				
CH: 60.00 to 90.00 m	1.00	12.00			12.00				
CH: 90.00 to114.30 m	1.00	10.00			10.00				
				Present Qty	355.00				
				Qty Claimed in 1st Bill	0.00				
				Qty Claimed in 2nd Bill	0.00				
				Deduct Qty Paid in 1st and 2nd Bill	0.00				
				Qty to be Paid	355.00	Nos	357.22		1,26,813.10
							Total		58,65,122.09
							GST charges 12%		7,03,815.00
							KRIDL charges 4%		2,34,605.00
							Grand Total		68,03,543.00

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

31/5/2021